

The Carbon Chronicle

VOLUME 34: No. 36

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ACME, ALBERTA, THURSDAY, OCTOBER 13th, 1955 \$1.50 a Year; 5c a Copy



Miss Bessie Dechenne of Drumheller was a holiday visitor at the home of her parents, Mr. and Mrs. Dechenne.

Mr. and Mrs. Gordon McLeod of Edmonton spent the weekend at the home of Mr. and Mrs. A. J. McLeod.

Mr. and Mrs. Dale Poxon spent the holidays at Edmonton at the home of Mr. and Mrs. W. Milligen.

Mr. and Mrs. E. Wiffen, and Mr. and Mrs. C. Graham spent the holidays at Bentley and Clive.

Mr. and Mrs. Pierce of Ogden and Mr. Jack Robinson were holiday visitors at the home of Mr. and Mrs. C. Cave.

THE LIQUOR CONTROL ACT APPLICATION FOR HOTEL BEER LICENSE

Public notice is hereby given that the undersigned intends to apply to The Alberta Liquor Control Board for a License to sell Beer by the glass or open bottle, for consumption on the licensed portion of the premises, and also to sell Beer by the unopened bottle for consumption elsewhere than on the licensed premises, in conformity with the provisions of The Liquor Control Act and the regulations made thereunder, with respect to the following described premises:

Beer Salesroom in the south-east corner of the ground floor of the Carbon Hotel, situated on Lots 29 to 33, inclusive, in Block 4, Plan No. 4387-P, Carbon, Alberta.

Dated at Carbon, Alberta, this 22nd day of September, 1955. Knee Hill Valley Hotel Co. Ltd.

Micheal Banceck, President, Wm. Kozak, Secretary, Applicant.

Any person wishing to protest against the issuance of a Beer License to the applicant should notify the Alberta Liquor Control Board, Edmonton, Alberta, in writing, within thirty days of the date shown at the foot of this advertisement.

For
GRAIN INSURANCE
and
FARM MORTGAGE LOANS
S. F. TORRANCE
PHONE No. 9 CARBON

THE CARBON CHRONICLE

Mrs. Harry Hunt, Editor
George Wheeler, Publisher
Published every Thursday
at Acme, Alberta

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by the Postal Department
at Ottawa

MEMBER OF THE C.W.N.A.
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Carbon Masonic Lodge held a Church Parade on Sunday at Christ Church. The guest speaker was Canon E. Lewis of Drumheller. Rev. J. G. Roberts was the guest speaker at St. Magloires, Drumheller.

Mr. and Mrs. Micklejohn of Lloydminster were holiday visitors at the home of their sister and brother-in-law, Mr. and Mrs. Harry Holstein.

Don't forget the I.O.D.E. Dance Nov. 11th. Watch for posters.

Merle Ohlhauser and J. Little were holiday visitors at the home of Mr. and Mrs. Ed Ohlhauser.

Mrs. H. Brown (nee Anna Carlson) was a visitor at the home of her sister and brother-in-law, Mr. and Mrs. Walter Periman.

Mr. and Mrs. Len Hay, Mr. and Mrs. Bill Douglas and Mr. and Mrs. Stan Torrance took in the Scottish Concert held last week in Calgary.

Mrs. Brock Elliott recently underwent an operation in the Calgary General hospital.

Bill Douglas left on Friday for the Drumheller hospital, where he will undergo an operation.

Correction from last week—Audrey Metzger left to attend the Union College at Lacombe for this term.

Don't forget the Antique Sale to be held in the Carbon Legion Hall.

Alvin Harsch, son of Mr. and Mrs. Chris Harsch of Carbon is one of the 271 students enrolled for the fall semester at Sioux Falls College, Sioux Falls, South Dakota.

Sioux Falls College is a four year liberal arts college supported primarily by Baptist churches of Nebraska, Iowa, S. Dakota, North Dakota and Minnesota.

Alvin Harsch is a sophomore majoring in history.

BOY SCOUT ACTIVITIES

SCOUTS and CUBS
IMPORTANT NOTICE

A PARENTS MEETING will be held in Carbon Scout Hall at 7:30 p.m. on Saturday, October 22nd.

Mr. H. G. Dell, Field Commissioner of the Boy Scouts Association will address the meeting. At this meeting various important matters affecting the future of the Scout and Cub movement in this area will be discussed.

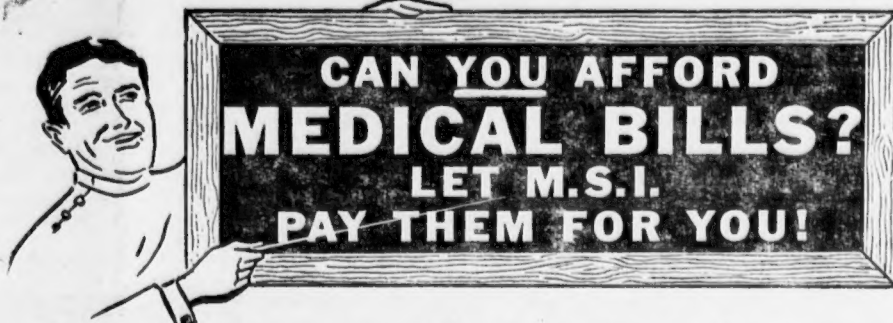
If you are a parent of either Cub or Scout, please make a point of attending. This will be an open meeting and others interested will be very welcome.

Mrs. W. Marshman reports radishes are growing in the garden and also reports are that lettuce is growing in the garden all green and nice again—must be spring.

The Acme Grade 7 and 8 football players were whitewashed to the tune of 35-0 by Carbon in a game of touch rugby.

FOR SALE—Registered Hereford Bull, 4 years old.

—J. Woods, Phone 855, Box 83, Carbon.



Group Plan B is now available for employees of a common employer, with a staff of 3 to 9 persons. This pre-paid medical plan offers freedom from worry and freedom from financial difficulty. The small subscription per month gives you the Key to Better Health and Better Living. Check a few of the features of this Plan, and send in the coupon below to M.S.I. for the FREE folders giving all particulars.

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Medical Services (Alberta) Incorporated is a non-profit corporation. It is sponsored by the Medical Profession of Alberta for the purpose of providing pre-paid Medical care to the people of Alberta. As M.S.I. is non-profit there is no capital stock on which dividends are paid, nor are there commissions paid to agents or salesmen. It is independently controlled by an elected Board of Directors, and is the only non-profit organization of its kind in Alberta having the endorsement of the Medical Profession.

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Employees of a common employer with a minimum staff of three persons and a maximum staff of nine persons all employed full time, 100% of employees must enrol.

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To Wait . . . May Be "Too Late"

MAIL THIS COUPON TODAY!

Without obligation, please send me further details of Group Plan B.

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NO. OF EMPLOYEES _____ TYPE OF BUSINESS _____
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- Free choice of Doctor
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MEDICAL SERVICES (Alberta) INCORP.

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WILL BE AT

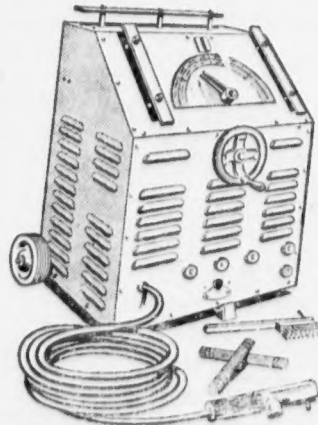
LINDEN MACHINE Works
Mon., Tues., OCT. 17, 18

THERE WILL BE A FULL APPLIANCE SHOW and a THOMPSON WELDER WILL BE DEMONSTRATED. FACTORY REPRESENTATIVES WILL BE THERE TO ASSIST YOU.

Linden Machine Works

LINDEN

PHONE 3402, ACME



Sack of stones may contain evidence of ancient culture

HANOVER, N.H.—A 30-pound sack of stones from Canada's Far North may contain evidence of the culture of the Cape Dorset Eskimos, among the most ancient Eskimo peoples to inhabit the Arctic.

The stones were brought here by Prof. Elmer Harp, Jr., Dartmouth College anthropologist, who has just returned from the Arctic.

They're not ordinary stones. They are flint spear points, arrow heads, scraping and cutting tools and chips left behind as long as 2,000 years ago in the campsites of stone age aborigines.

During an eight-week expedition, Prof. Harp and Dr. Ralph E. Miller, Hanover physician and Arctic flying enthusiast, sought ancient Eskimo habitation sites in the vicinity of Coronation gulf, Dismal lakes and Bathurst inlet on the coast of the Arctic ocean. They also travelled inland in a vast unexplored region between Contwoyto lake and the big bend of the Coppermine river.

Huge survey

Prof. Harp is carrying out an anthropological survey he hopes will eventually extend from Newfoundland to Alaska. He seeks evidence of the spread of the Cape Dorset culture, or of peoples even more ancient.

This summer's expedition was financed by the American Philosophical Society and the Dartmouth faculty committee on research.

The two men flew more than 5,000 miles across the Arctic barrens in Dr. Miller's plane. Much of this flying was done at 200 to 300 feet, so that they could spot from the shadows of the sun's slanting rays former campsites and likely spots to do exploratory excavation work.

Prof. Harp found campsites that

showed signs of occupancy as long as 2,000 years ago and also within the present century. In these he was able to dig up artifacts of stone age inhabitants while at the same time there were remains of Indian "brush camps" of the present era.

In new region

The men operated in an area never before examined from an archaeological viewpoint. Even current maps show the locations of many lakes and rivers only approximately.

Prof. Harp said the most productive areas were in the region lying between Coronation gulf and Great Bear lake, Dismal lakes, Lake Kamut, Lake Contwoyto and Lake Kathawachaga.

Anthropologists believe that the Eskimo culture first found at Cape Dorset on Baffin island, thousands of miles to the east, gradually moved from Alaska into the eastern Arctic. This means that the remains found at Cape Dorset itself represent relatively recent evidence of those ancient stone age people.

The Dorset culture never has been recorded in the central Arctic, Prof. Harp said. He hopes to learn whether it can be found much farther to the west, stemming from peoples who lived as much as 20,000 years ago, when men first came to North America across Bering strait.

Big increase noted in Sask. 4-H membership

SASKATCHEWAN. — "A phenomenal increase in membership and 4-H Club activity has taken place in Saskatchewan in the last year," Prof. Rupert D. Ramsay, director of extension services at the University of Saskatchewan in Saskatoon states. The increase in actual clubs from 613 to 747 represents an increase of 21.9 percent while the membership has increased from 9,847 to 11,966 and represents a 21.5 percent increase, he said.

This places Saskatchewan second to Ontario in actual enrolled membership, which is rather spectacular since Saskatchewan has only about 7 percent of Canada's population, much below most other Canadian provinces. About 12 percent of the eligible young folks are now enrolled in 4-H work.

Interest in the projects may be estimated by the following breakdown of enrollments:

Project	Clubs	Members
Grain	255	4,354
Beef	236	4,121
Dairy	17	260
Swine	13	179
Garden	55	938
Poultry	12	157
Tractor	10	149
Potato	7	123
Homecraft	142	1,685
Totals	747	11,966

All club organization takes place in response to local request and all members must be between 10 and 21 years of age and must supply themselves with their own project material (seed grain, calf, pig, etc.).

A new organization for young rural people, known as Saskatchewan Young Farmers' Clubs, for those over 4-H Club age, is now developing and 16 groups are operating in Saskatchewan this year. These groups are organized and directed by the Extension Department, University of Saskatchewan, as part of the Saskatchewan Co-operative Extension Program, involving both Provincial and Federal Departments of Agriculture.

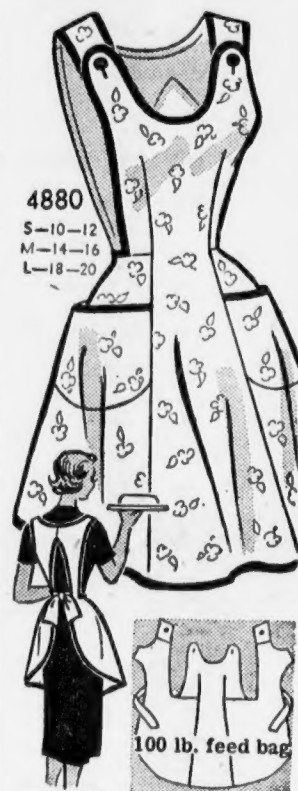


ESCAPES SERIOUS INJURY

Actress Ava Gardner who escaped serious injury when her car went out of control in Madrid, Spain. She was en route to the Barajas Airport to meet friends arriving from the U.S. when the car careened across a two-laned speedway and flipped over.

Fashions

Feedbag fashion



by Anne Adams

Use a 100-pound feedbag or colorful remnants—make this handy apron to keep you neat and pretty on kitchen duty! See the diagram — sew-easy, thrifty. Non-slip straps, plenty of protective cover — be smart, sew several!

Pattern 4880: Misses' Sizes Small (10, 12); Medium (14, 16); Large (18, 20). All sizes, 100-pound feedbag or 1 1/4 yards 39-inch.

This pattern easy to use, simple to sew, is tested for fit. Has complete illustrated instructions.

Send thirty-five cents (35c) in coins (stamps cannot be accepted) for this pattern. Write plainly Size, Name, Address and Style Number and send orders to:

Department P.F.L.,
Anne Adams Pattern Dept.,
60 Front Street W., Toronto

AFTER EFFECTS

Man cases of adult deafness can be traced to illnesses suffered in childhood, such as measles, whooping cough and other contagious diseases which leaves weakness or impairment of various organs. Any form of ear trouble should have medical attention so that it may be treated and possible loss of hearing averted.



Boy Scout financial drive October 3-10

An opportunity to contribute to a really worthwhile cause presents itself October 3 to 10 throughout Saskatchewan with the launching this week of the Boy Scout financial campaign, designed to provide funds to aid the Boy Scout Association in its work.

Donations to this cause are not limited by the dates of campaign, although officials would like to see contributions made to the local Scout Group within the dates prescribed if at all possible.

Wherever there is a local Scout Group, this group will be spearheading the local campaign. However, any Saskatchewan people who do not have a local group to which contributions can be made, can mail a cheque to the provincial headquarters: The Boy Scout Association, 104 Gordon Building, Regina, Sask. No contribution too small or too large say the sponsors.

Canada's Boy Scouts and Cubs of today are this country's leaders of tomorrow. The Scout organization is one of the best known, and considered most capable of teaching self reliance and leadership to young boys, from the small boy unit up to the teen age group.

Membership of Boy Scouts, Cubs and Leaders in Saskatchewan totals more than 7,000. There are 515 Scout units in this province.

Funds derived through the campaign will help defray expense of Leader training, new Scout Group organization, and maintenance of the provincial field staff and office.

The lieutenant-governor of Saskatchewan, the Hon. W. J. Patterson, officially launched the campaign over a radio network. Speaking in behalf of the drive also were Premier T. C. Douglas, Lady Baden-Powell, World Chief Guide, and Col. John S. Wilson, honorary president Boy Scout International Committee.

An historical occasion for Canadian Scouting took place during August, when the eighth World Jamboree was held for the first time outside of Europe. The Jamboree of "New Horizons" was held at historic Niagara-on-the-Lake and was attended by over 11,000 boys and leaders from 62 countries of the free world. "This was truly a United Nations in action and the Boy Scouts attending from your community were able to capture something of the world brotherhood," Scout officials said.

"Scouting is fun and adventure for your boy and other boys. Scouting is training and character building for all boys. Support of the Boy Scout financial campaign in your community, or if necessary by remitting to the provincial headquarters in Regina, will ensure that Saskatchewan's young boys continue to receive valuable Scout training."

BARBER CLIPPED

MINOT, N.D. — Earl Hair was given a 90-day sentence in police court recently after his car clipped the auto of barber George Kling.

Strictly Fresh

Lady in Brandon, Miss., is suing the county for alleged injuries suffered when a raiding party, chasing a bootlegger, knocked her out of her rocking chair. We once tasted some legally bottled stuff that would set you rocking in a straight chair.

Weatherman in Oklahoma City, reports that the office roof sprang a leak during a recent thunderstorm. Fellow's nearly out of his mind. No one he can call up to blame for lack of information about the storm.

A Waltham, Mass., firm is selling a back-yard roller coaster kit.



It'll never replace a roller skate on the stairs for unexpected swoops and thrills.

Chicago barber, 82, estimates that he's cropped 400,000 heads of hair in his 54 years of barbering. And engaged in how many political discussions?

FURNACE CHECKUP

Before winter sets in, the furnace, chimney and pipes should all have a good checkup. Possible leaks in pipes may allow coal gas to seep into the house, as may a faulty furnace. Rusty patches in stove pipes may have a similar result or could be the cause of fire.

CLASSIFIED

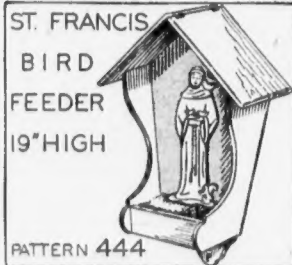
DRAFTSMEN ARE IN GREAT DEMAND. Train for these well-paid secure jobs by a proven successful home-study diploma course. Free folder. Low Fall fees. Primary School of Drafting, Dept. P, Box 123, Station Q, Toronto, Ontario.

Helps You Reduce Swollen Painful Piles

Here is a nice, clean, easy way to get real relief from the nagging distress of swollen, painful piles without the inconvenience of ointments, pile pipes or suppositories. The secret is in taking just one small Hem-Roid Tablet, with water, two or three times a day. Works through effective INTERNAL action. Quickly eases constipation, relieves itching, soreness and pain. Helps shrink piles and permits them to heal. Why suffer needlessly when Hem-Roid offers you so much. Get a package today. See for yourself how nice Hem-Roid is to use, how effective it is and how much more comfort it will quickly bring you. All drug stores. Low cost. Money refunded if you are not 100% pleased.

Home Workshop

This bird feeder is filled from the top and the grain gradually works down into the feeder box where a charming figure of St. Francis, the patron saint of the birds and all wild creatures, stands guard. The figure is easy to cut out of wood 3/8-inch thick. Where a well-stocked feeder is provided our feathered friends that wing south for the winter are tempted to stick around when all natural foods of grains and insects are



gone by mid-autumn. A copy of this pattern 444 will be mailed for 35c. A packet of standard size patterns for 10 other styles of feeders and houses will be mailed for \$1.50 postpaid.

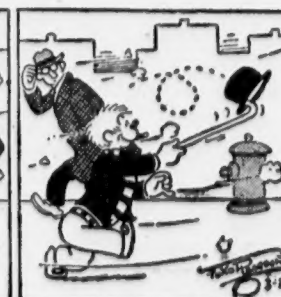
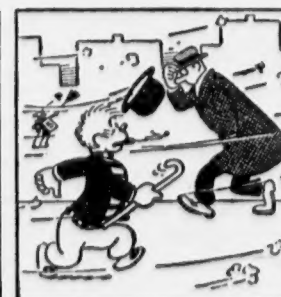
Here are old-time shelf and bracket designs that have been adapted for use in homes of today. They are as crisp and lacey as an old-fashioned valentine and their graceful lines will harmonize with the choicest treasures you



wish to display on them. There are also actual-size cutting guides for matching brackets in two sizes for a corner bracket. This is the type of workshop project that is so easy to make with the help of a pattern. The saw lines are traced onto the wood or if a number of units are to be made the pattern is traced on to cardboard which is cut out and used as a template. A copy of this pattern No. 380 will be mailed for 35c.

Address order to:
Home Workshop Pattern Service,
Department P.F.L.,
4433 West Fifth Avenue,
Vancouver, B.C.

BOZO



By Foxo Reardon

Record total forest fires Sask. north

PRINCE ALBERT.—A record number of forest fires—106—burned over 1,250,000 acres of Saskatchewan's North during the past four months. It was the worst fire hazard season in years.

C. S. Brown, Northern Administrator for Saskatchewan's Natural Resources department, said the biggest burns occurred in the Athabasca and Stony Rapids areas, where about 1,230,000 acres were razed.

Since there is little potentially commercial forest this far north, timber losses were negligible. However, a large part of northern Saskatchewan's caribou range was destroyed.

The majority of these fires occurred in the more southerly part of the north—particularly in the Churchill River Basin, though the area burned was under 20,000 acres. But even here, losses to timber were light. Quick action by fire fighters—and particularly Saskatchewan's famed airborne "smoke jumpers"—kept fires from getting out of hand in most cases.

Mr. Brown said fires in the northern district to date had cost the department about \$55,000, covering both detection and suppression.

He said statistics compiled by his branch indicated that 54 of this year's forest fires were caused by human agents—prospectors, trappers, fishermen and others travelling in wooded areas; 39 by lightning; and 13 unknown.

Due to the serious threat forest fires continue to pose to Saskatchewan's northland, Mr. Brown said applicable sections of the Prairie and Forest Fires Act would be rigidly enforced. He referred particularly to section 27, item B, which states no person shall light a campfire without first clearing a place for it. The cleared area must extend for a radius of five feet in all directions from the fire-site.

One of the northern district's more destructive fires broke out last June 30th, 40 miles southwest of La Ronge. It burned over 1,150 acres of young spruce and jack pine growth, and took three weeks to put out. For a time, nearly 70 men fought desperately to keep the fire from running completely out of control.

Western Canada has good crop malting barley

There is a good crop of malting barley in Western Canada, barring the unforeseen, and prospects for sales are fairly good, according to Dr. T. J. Harrison, chairman of the Barley Improvement Institute which is sponsored by the brewing and malting industries.

Dr. Harrison said there was some good quality malting barley in Manitoba, although not a large quantity. In the southern part of the province there is a preponderance of thin kernels, probably due to the extremely hot mid-summer weather and leaf diseases.

Northeastern Saskatchewan has some excellent malting barley, he said. In Alberta prospects are very good, providing there is no frost damage.

As for sales prospects, Dr. Harrison said farmers could count on a Canadian market for 15 to 18 million bushels. In the United States, crops in the main malting barley area, the Red River Valley, have suffered similar damage to those of southern Manitoba.

Providing the U.S. government does not curtail imports, there are prospects for fair sales there, Dr. Harrison said.

GOOD GREEN SALAD

Salads were lifesavers during the heat wave, with their cool attractiveness and nourishing qualities but, with cooler weather ahead, the salad still has its place on the table. Since there are dozens of ways of presenting salads—they co-operate with so many other food flavors—they can be used as a side dish or as the main course, combined with meat, fish, eggs, cheese or whatever else is desired. They should appear on the menu frequently, for the sake of good nutrition.

The araucana of Chile is the only domesticated bird that lays a blue egg.

3162

Plaids, checks make casuals gay



A must for college and casual wear is the pleated plaid skirt, left, of gold and deep red. It is worn with a yellow pullover and boxy red cardigan jacket. The little boy look predominates in the plus four ensemble, right, of brown wool hound's tooth check. The pleated sleeveless jacket is worn over a bright pullover.

Santa's shop big attraction

One of the great attractions in the Adirondacks is Santa's Workshop at the North Pole, en route to the top of Whiteface Mountain near the village of Wilmington.

Hundreds of thousands of tourists have visited this enchanting little village on the Whiteface Highway, two miles from the base.

The novel village houses Santa's Workshop, his cottage, toy shops, the Shrine of St. Nick, Mother Hubbard's shop and many other brightly colored buildings. Also among the colorful buildings is Santa's nursery building for animals where you will see baby reindeer, other types of deer, goats, sheep and many others.

The village is also educational with the numerous craft-working shops.

Reindeer, goats, llama, ducks, rabbits, donkeys, peacocks and many varieties of woodland animals roam through the villages to bid for the attention of visitors.

Old Saint Nick himself, with dozens of other Fairyland characters, is on hand to extend a jolly welcome.

A real ice-coated North Pole in the heart of the village receives the skeptical touch of most visitors.

It is the only attraction of its kind in the world. It affords a real treat for kids from 1 to 100.

In fact, as many as 10,000 have visited this popular place in one day.

Standard Bridge

by M. Harrison-Gray

Dealer: North North-South game

N. 9 6 5
A K 7 6
A 10 5 3
A 10
W. A Q 7
Q J 10 9 5 3
K Q 9
J
E. J 10 8 3
A 4
K 8 7 4 3
S. K 4 3
8 2
J 6 4
Q 9 6 5 3

This is a companion piece to the example which showed how a vulnerable game was missed in the same match after a One No-Trump response by South on a hand containing a six-card suit and a "very good" eight points. When the above came up a few hands later the North player concerned was in no mood for a repeat performance; thus, after One Heart by North, One No-Trump by South and a trap pass by West, he bid Two No-Trumps in case South had the same type of hand as before.

After two passes, West doubled and led ♠Q. When ♠J fell under ♠A at trick 2, ♠10 was led as the only hope, but East won and a Spade return (ducked by South) resulted in a penalty of 300. In Room 2 after a similar start, One No-Trump was passed out. The irony of these two examples will be noted by those who believe in "nature's constructive

Don't overcook scrambled eggs

Scrambled eggs are far too often overcooked. Try them with bits of chopped bacon, parsley and chives, or chopped green onion. Fry the bacon and remove it to a small dish which contains the parsley and chives. Cool the pan. Break into it as many eggs as you wish and return it to medium heat. With a large spoon or spatula break the yolks of the eggs and stir them constantly once they have begun to cook. Season to taste, and add four tablespoons of hot water for each six eggs. Add the bacon mixture, and continue stirring over medium heat until the whites of the eggs, which will appear in bits throughout the mixture, have lost their transparency. The mixture should still be soft. Place it in a hot serving dish, and decorate it with parsley and a dash of paprika. Serve at once over hot toast.

Poached eggs, like boiled ones, should be cooked in water just below the boiling point. If your eggs are really fresh you will have no trouble with the whites spreading, providing your water is hot when you slide the egg into it. Use only the freshest eggs for poaching, boiling or frying. If they have deteriorated to the point where the white no longer stands up high around the yolk, when the egg is broken into a saucer, use them for omelette or scrambled eggs, or in baking.

Classy glassy jailhouse

The glassiest, classiest police building in the world opened officially for business in Los Angeles recently, the Associated Press reports.

It has:

Jail cells with three miles of unbreakable glass partitions, used in permit easier supervision of prisoners by 120 jailers.

A "drunk tank" with rubber floors, so inmates can't hurt themselves in falling.

A 400-seat auditorium with a "show-up" screen which permits victims to identify suspects without being seen. Electric controls make it possible to reproduce lighting conditions under which victims saw the suspects during a criminal act.

The eight-storey, modernistic reinforced-concrete structure rises amid a hodge-podge of buildings at Civic Centre, looking much like a luxury hotel. It brings under one roof police facilities formerly scattered all over the city.

All facilities of the \$7,500,000 building will be in use by the end of September.

One drafting error, caught just in time, would have put the light on the "show up" screen facing the wrong way.

"That would have been a switch," one officer said. "The prisoners would be identifying police and witnesses."

Try artificial lightning tap hydrogen bomb

LONDON—British scientists are planning to use artificial lightning in an attempt to tap the power of hydrogen bomb fuel for peaceful purposes scientific circles said.

Sir William Penny, who set off Britain's first atomic explosion off the Australian coast in 1952, is in charge of experiments in producing artificial lightning at Aldermaston atom station west of London, the sources said.

There he is working on "surge generators" producing current at 200,000 amps—approximately the strength of lightning. They will be used to raise small quantities of hydrogen bomb explosive to extremely high temperatures, at which it is hoped atomic heat will be set free at a controllable rate, the sources added.

If the experiments prove successful heat comparable with that generated by 600 tons of coal may be obtained from the amount of hydrogen in a glass of water.

In the H-bomb the explosive detonates because its temperature is suddenly raised to more than 1,000,000 degrees by the explosion of an ordinary atomic bomb.

In the power experiments thin wires laid in the hydrogen explosive will replace the a-bomb trigger. By passing surges of current through these wires British scientists hope to produce temperatures high enough to free atomic heat but not high enough to cause an explosion.

There are at least 26 waterfalls in the world which are higher than the famous Niagara Falls.

Delight the Bride With Gift of All-Purpose Coffee Service

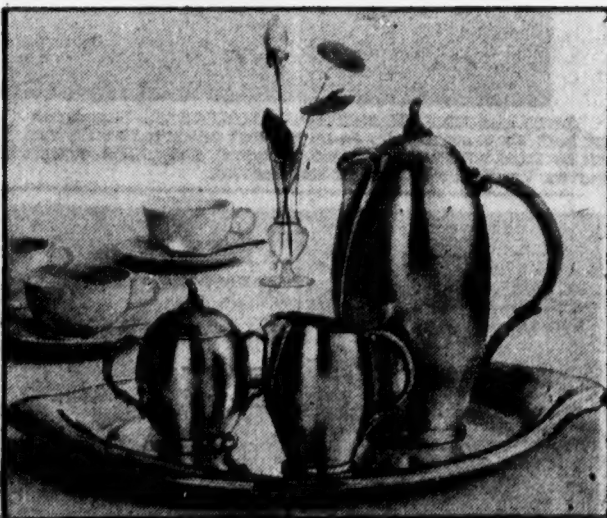
BY EDNA MILES

FOR the average bride, picking a coffee service is an affair as complicated as picking a silver pattern or her china. Sometimes, it's true, doting relatives solve the problem by handing over a family heirloom.

Even this may be unsatisfactory. Georgian silver is somehow not suitable in a modern, three-room apartment. Knowing this, one well-known silver house has brought out a modern hot beverage service that's equally good for coffee, tea or hot chocolate. It's matched to the contemporary design of a recently introduced line of flatware so that a bride may solve both problems easily.

Modern adaptation of rattan is used as insulation on handle of the beverage server. Sugar and cream are somewhat smaller than those in the usual traditional tea services. There's a matching tray with sweeping lines that form easy handles for service.

A bride may buy all four pieces at once or each piece separately. Or, she may simply tell friends and relatives that this is the set she wants and let them take over.



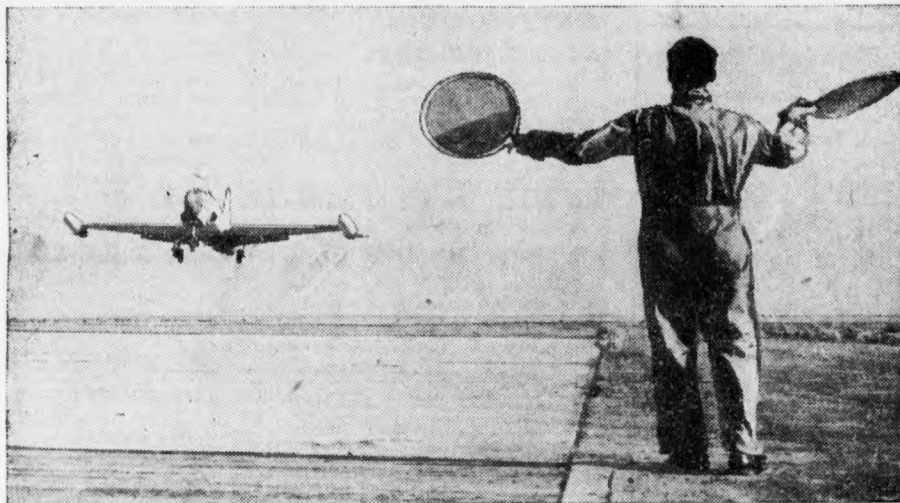
Hollow ware in the contemporary manner, this service, for coffee, tea or chocolate is matched to a new flatware pattern.

(1957 Rogers' Bros.)

World Happenings In Pictures



CAR MISSES TURN, WRECKS BOOK STORE—This wholesale book store, on the edge of the Hollywood district, was wrecked when a car crashed through the front door. The driver told police the steering gear locked as he attempted to make a turn. Impact knocked pillars askew.



TO PROVE SHE'S NOT ALL WET—Navy's new Lockheed T2V-1, first jet trainer of its type ordered for service aboard aircraft carriers, comes in for an arid landing on a simulated carrier deck at the Inyorken Naval Ordnance Test Station deep in California's Mojave Desert. In the 600-mile-per-hour class, the ship has a landing speed of 97 miles per hour, slower than that of any other jet plane in production.



ARMLESS BOY EN ROUTE TO MONTREAL—Benedictos Ramirez Santosa, 14-year-old Bolivian lost both his arms recently in an accident in his native La Paz. He is being flown to Montreal where he will be fitted with artificial arms. Margaret Kelly, CPA stewardess, chats with him at Vancouver, stop-over on the 10,000 mile flight to Montreal.



STRIFE IN SILHOUETTE—Brooding sky and bomb-torn ruins of a police outpost at Khan Yunis heighten the sense of urgency expressed by silhouetted figures of Egyptian troops as they race for cover in the disputed Gaza Strip, site of many clashes between Egypt and Israel in recent months.



THIRTY-FOUR-FOOT LETTER—Able Seaman George Glazier of Guelph, Ont., wraps himself in a 34-foot letter sent by his fiancée, Mary Keeley, of Buffalo, N.Y. Glazier is serving on HMCS Labrador which is supporting sea-borne supply of the DEW radar chain in the Eastern Arctic.



TORPEDO COWBOY — LS Hayward Saunders, of Fredericton, N.B., rides a torpedo like a cowboy as the spent weapon is secured for hauling on board the HMCS Haida during practices in the Gulf Stream.



MRS. SNOWLTON comforts her son, Roddy, four, after news of the crowning death of her husband while trying to become the first man to conquer Lake Ontario.

FIRE PREVENTION WEEK OCTOBER 9th to 15th

By proclamation the Governor General of Canada will decree that the week of October 9th to 15th be observed as Fire Prevention Week across the nation.

This week is always the calendar week including October 9 the anniversary of the great Chicago fire of 1871. Such a disaster serves to underline the necessity of bringing before the public a much needed awareness of Fire Prevention.

Fire Prevention Week should not be regarded just as a seven-day period for projecting fire prevention programs, displaying posters all over the community, school drills and civic group meetings. Rather, it should be regarded as the week of initiation of year-round activity promoted to make our country a safer place in which to live.

Fire Prevention Week is not a new institution. It has, over a period of years, developed increasing significance and earned a respected place in the regular affairs of every progressive community in Canada and the United States. It signifies the commencement of a campaign which should be carefully planned so as to enlist the co-operation of every citizen and of every organization in the community for a concerted effort to prevent as far as possible loss of life and property as a result of fires.

Response to fire prevention week should be spontaneous and enthusiastic. All citizens in their desire to see the country's economy make progress have a stake in Fire Prevention Week. They realize full well that property destroyed by fire is irrevocably lost and the community and the nation suffer as the consequence of such loss. Economic

disaster to a community often follows on the heels of a large fire.

Let us look at the latest available annual fire loss record in our country. The total property loss by fire was \$84,270,864.99 representing a loss per person of \$5.70. These losses represent an increase of about \$4,000,000 over the previous year when the total loss was \$80,902,265, with a loss per person of \$5.51. The record shows 67,519 fires, an increase of 3,416 over the previous year. The loss of life by fire was 477 as compared to 562 in the previous year.

It is indeed tragic to note the record shows that more than half of all the fires in Canada occur in homes. This fact alone should emphasize beyond any doubt the need for fire prevention.

This heavy toll of destruction of life and property by fire must not continue. A strong and vigorous campaign should be launched during Fire Prevention Week and followed up without restraint throughout the year.

In Canada an auto represents about 8 months income for the average industrial worker.

Mental patients in institutions and psychiatrist units outnumber all the patients in all the public hospitals in Canada.

During 1953 Canada recorded 1657 business failures, up 10 per cent from 1952.

Please pay your subscription for your local paper to Mrs. Harry Hunt, Agent.

"It has been said that democracy is the worst form of government except all those other forms that have been tried from time to time." Sir W. Churchill

Career Men in Khaki



The Signalman

"Get it there first; but first, get it right."

Signals — nerve system of the Canadian Army — a high-speed, accurate combination of radio networks, telephone and teletype systems and motorcycle despatch riders.

The Royal Canadian Corps of Signals, with other corps, offers hundreds of good-paying, life-time careers. The opportunities for advancement, special training and travel are many. A visit to your Army Recruiting Station will soon show, without obligation, how you can fit in.

Remember, in the Army you team up with men and leaders you can rely on — right down the line.

SERVE CANADA AND YOURSELF IN THE ARMY

To be eligible you must be 17 to 40 years of age, skilled tradesmen to 45. When applying bring birth certificate or other proof of age.

Apply right away. Write, phone or visit the Army Recruiting Station nearest your home.

No. 10 Personnel Depot, Currie Barracks, Calgary, Alta. — Telephone 42171 — Local 71

The Army Information Centre, 10042 - 101st Street, Edmonton, Alta. — Telephone 43288

The Army Information Centre in your home town.

049W-ATV



Pictured above is the B.O. Brown Master Farm Family. Left to right, are son Murray, daughter Dorothy, Mr. and Mrs. Brown with their grandchildren, daughters-in-law, Mrs. Murray Brown, Mrs. Jack Brown, and son Jack.

The B. O. Brown Farm Family has been selected from has won the Master Farm Family this area. Last year the Adam Buyer family of Carbon won and in a previous year the J. H. Schmitt family of Beiseker was named. The main objective of the program is to provide Alberta farmers with a practical demonstration of how a family can achieve success in farming and in family and community life.

Each family will receive an award of \$1000, an engraved plaque, and a Master Farm Family name plate for their farmstead entrance.

This is the third time in seven years of the award that a Farm

field of agriculture that it has been selected as a Master Farm Family for 1955.

Mr. Brown and son Murray operate what is perhaps one of the most specialized turkey farms in Alberta. They raise 15,000 Bronze Breasted turkeys per year and sell over 120,000 hatching eggs each season besides cultivating 600 acres of land on their farm 2 1/2 miles west of Acme. Mr. Brown, a graduate of agriculture that it has

Continued on Page Nine

SAM SHEININ'S Again Receiving



The big news is out. Once again this long established firm is ready for your shipments of Poultry and Eggs, from Oct. 15th.

We have just opened the newest and most modern poultry processing plant in Canada. We need your birds — and eggs — and will pay you top market prices. Ship with confidence. Our 41 year reputation stands behind every transaction.

For Initial Price List Fill in and Mail This Coupon:

When in Calgary be sure to pay us a visit. Whether you ship to us or not we will be happy and proud to show you through.

Sam Sheinin Ltd.

3rd St. E. Between 3rd and 4th Ave. Calgary, Alberta.

Sam Sheinin Ltd.
3rd St. E. Between 3rd & 4th Ave., Calgary
Please send me your initial price list for all types of poultry and eggs.

NAME _____
ADDRESS _____
APPROX. SIZE & TYPE OF FLOCK _____
VOLUME OF EGG PRODUCTION _____

Sagging hog prices could affect beef

Sagging hog prices could take beef down with them, stockmen and grasslands experts were told in Alberta recently.

R. J. Dinning of Calgary, former president of Burns and Company, told a joint meeting of the Western Stock Growers' Association and the American Society of Range Management (western section) that a definite forecast of future beef prices could not be made.

However, he said, usually beef prices will follow those of pork because of a shift in consumption with meat cost changes.

At the same time, demand for top quality beef is increasing. Chain stores are finding increased turnover of good quality beef while poorer meat stays in the cooler, he said.

Beef cattle numbers have gone up the past year but take-home returns to farmers have been cut because of higher processing costs. Labor costs have taken a greater rise than processing ones, Mr. Dinning said. There still may be big increases in labor costs coming. Producer returns will suffer from them.

The time is coming when producers and labor will have to cooperate to a greater extent in order to maintain their livelihoods, he forecast.

Shipping costs for western beef have risen 50 percent in the past few years with western stockmen being forced to compete against eastern beef subsidized by cheap, freight-assisted prairie grain.

WEEKLY BIBLE COMMENT

JESUS LIVED HIS LIFE IN PRAYER

The Gospels give us much evidence of the prayers and petitions that were in every sense a way of life for Jesus.

Jesus prayed for Peter, that his faith should not fail. He prayed for the chosen disciples, that God the Father would give them a Comforter who would abide with them forever.

Jesus prayed for the disciples, not that they should be taken out of the world, but that they should be kept from the world's evil and sanctified through the truth, which is the word of God.

And in that same prayer He prayed for all who should believe through them, and they all might be united in spirit, even as He and the Father were one.

The ministry of Jesus began in prayer, for He prayed at His baptism, and He prayed near the end of His Resurrection ministry, in the agonizing prayer in Gethsemane, that the cup might pass. He prayed in the hour of Calvary for the forgiveness of those who crucified Him.

And if the cry of His suffering, "My God, My God, why hast Thou forsaken Me?" was a prayer, a prayer also was the prayer of submission to the divine will: "Father, into Thy hands I commend My Spirit," in fulfillment of the prayer in Gethsemane, "not My will, but Thine, be done."

Thus it was that Jesus prayed. He told us how to pray, not only in the words of what we call "The Lord's Prayer," but in the example of a life of continuous prayer.

CLOTHING AFIRE

A person whose clothing catches fire may, in panic, try to run out of doors. He must be stopped and, if necessary, he should be tripped and placed on the ground, face down so that the flames will not lick up towards his eyes and respiratory organs. A rug, blanket or any heavy cloth should be rolled around him to smother the flames. To remember this when one is the victim requires presence of mind but learning to keep his head in emergency is part of training in Civil Defence, which can stand anyone in good stead, either in peace or war.

DECODED INTELLIGRAM

1—Has not. 2—Some. 3—Will. 4—Has. 5—8th. 6—All three. 7—Are. 8—Appointed. 9—Forget-me-not. 10—Are not. 3162



MRS. ROY BRYANT whose husband is charged with the murder of a 14-year-old Negro boy, Emmett Till. Mrs. Bryant said the Chicago boy "made some remarks" while buying gum at the Bryant store at Moner, Miss. Till's body was found in a river.

70-Year-old flagpole painter

VANCOUVER.—At the age of 70 Terence O'Malley is a flagpole painter and says it is the quietest job he has ever had.

Suspended in mid-air he paints 100-foot poles for the British Columbia government; but he has had much more excitement in his life.

He has been through two Mexican revolutions, is a veteran of the First World War. A rescue worker during the blitz in England, and a thrice-shipwrecked mariner.

He was wounded in the throat by a bomb splinter during the blitz and is an ardent member of the Lost Chord Club, which taught him to speak again. He is the vice-president.

"I hope that all persons who cannot speak because of injury to vocal chords will join the club and possibly learn to talk again," he said.

The Sports Clinic

(An official department of Sports College)
Conducted by Lloyd "Ace" Percival

Hold that fumble!

The Toronto Argonauts opened their football season with a 31-6 victory over the Hamilton Tiger Cats. Two days later, the Cats clawed the Argos 37-12. What was behind this stunning reversal of form?

One of the major factors was fumbles. Argos handed the ball away five times in that second game and the Cats cashed in almost every time.

The record book shows that fumbles have won or lost more games — especially close ones — than any other single play. Any budding football player would be smart to start learning right now how to hold on to the ball. Here are some tips that will help.

First, when the receive the ball tuck one end of it under your arm pit as snugly as you can. Hold on to the other end with a tight, hard grip, keeping the fingers well spread. Keep your elbow close to your side.

Always hold the ball in the arm farthest away from the possible tackler.

The moment you are tackled, wrap your free arm around the ball and concentrate on holding on to it with all your strength.

Finally, always remember this—many fumbles occur when the ball is snapped or handed to the ball carrier as the play starts. Avoid this by taking the ball with your hands—not in your stomach or a cradle formed by your arms. Your hands should be relaxed, fingers well spread—and don't grab at the ball hurriedly; keep cool and take it smoothly.

Ten or 15 minutes drill every day during which you practice taking the ball from the quarterback, from center on direct snaps, and on laterals, will develop the skill you need.

Quick Canadian Quiz

1. The Welland Canal between Lakes Erie and Ontario detours shipping around what natural obstacle?
2. Before the transcontinental railway was built how did travellers normally cross Canada?
3. In what year did Canada's wheat exports exceed those of all other nations combined?
4. In 1945 there were 2,850,000 Canadians voluntarily insured against medical, hospital and surgical expenses. What is today's total?
5. Of the CBC's \$27.5 million revenues last year, how much was obtained from commercial broadcasting?

ANSWERS TO QUICK QUIZ

5. \$3.8 million from commercial broadcasting, the remainder from tax revenues. 3. In the 1925-26 season. 1. Niagara Falls. 4. More than 12,000,000. 2. Normal travel was by train from eastern Canada to Detroit, by rail from there to St. Paul via Chicago, by wagon across the remaining half of the continent.

The parliament of Norway is called a Storting.

Ten Word INTELLIGRAM

Check the correct answer to each question:

- 1—President Eisenhower (has) (has not) confirmed his candidacy for re-election in 1956.
- 2—(Some) (no) auto manufacturers offer safety belts as optional equipment on new cars.
- 3—Britain (will) (will not) mothball her last battleship in active service.
- 4—Former President Truman (has not) (has) curtailed his scheduled proposed speech-making tour.
- 5—"Hilda" was the season's (8th) (11th) hurricane.
- 6—France has been having colonial troubles in (Morocco) (Tunisia) (Algeria) (all three).
- 7—Farm prices (are) (are not) expected to be a major campaign issue in '56.
- 8—Alaska's governor is (elected) (appointed).
- 9—Her flower is the (forget-me-not) (snow-drop).
- 10—Freeways (are) (are not) toll roads.

Count 10 for each correct choice. A score of 0-20 is poor; 30-60, average; 70-80, superior, and 90-100, very superior.

Answers to be found in another column on this page.

Ticklers

—By George



"The new attendant doesn't realize that the world's greatest escape artist is in that cabinet!"

—By Chuck Thurston

PEGGY



Niagara Falls to undergo "plastic surgery" to remedy ravages of time

By GROVER BRINKMAN
(CPC Correspondent)

NIAGARA FALLS.—Back in July, 1954, a 155,000-ton rock slide at Niagara Falls put a huge scar across the face of North America's best-known tourist attraction. For years the queenly beauty that is Niagara Falls has been fighting the ravages of time, and the rock slide was not exactly unexpected.

Time has been winning. A good ally has been the savagely-swift current of the Niagara river. If ancient records are to be trusted, the crestline of Horseshoe falls has receded more than 1,300 feet since 1679. The American falls, too, has been taking a beating—as attested by the recent slide. A lot of folk thought that this was the beginning of the end.

However, thanks to modern ingenuity and engineering skill, the aging queen of waters is getting a face-lifting job that will preserve and even enhance her spectacular charms.

If the present rate of erosion continues, the engineers state, Niagara in the years to come would turn from a magnificent waterfall to a mere cascade. That news is viewed with dismay by all true nature lovers. It is also a disturbing thought to the business men of the region, who depend on the falls for a living. No less than two million tourists visit the site yearly.

The problem, moreover, has an added economic significance as well. Any substantial reduction of the present crest by erosion would lessen the river's capacity for power production.

The remedy? Excavation at strategic points, which will improve the distribution of water over the falls. This in turn will assure a bountiful and permanent supply of hydro-electric power for the many industries fronting on the Niagara river.

Niagara's "face lifting," from the outset, was recognized as a huge order. For example, one phase called for removal of 24,000 cubic yards of rock from the Goat island side of Horseshoe falls.

Goat island is a great and stubborn slab of land that defies the swift current of the river, although flanked on one corner by Horseshoe falls and on another by American falls. The object of the rock removal is to create a more equal distribution of water over the horseshoe.

It might be explained here, for those not familiar with the terrain, that Goat island lies on the boundary line. The boundary apportions a share of Horseshoe falls to Uncle Sam, and a larger share to Canada. The rock removal work mentioned above is wholly an American project. It is now completed.

A similar and even larger ex-

No real cure for rheumatism

As in the case of cancer, there is no cure for rheumatism, Dr. Donald W. Lamont-Havers said in an interview at Vancouver.

The 35-year-old medical director of the New York headquarters of the Arthritis and Rheumatism Foundation told Canadian Press the disease virus often goes undetected for perhaps 10 years.

"British Columbia has the best and most efficient anti-rheumatism services on the North American continent," he said. But this did not mean more B.C. people get the disease than elsewhere. A rainy climate had nothing to do with the cause or cure.

"Quacks ruin the lives of afflicted people and do a great disservice to the medical profession. Let's face it, there is no cure for rheumatism. Not only can we not prevent the disease, we don't know what causes it. The germ lives in the body for about 10 years before it manifests itself.

"Cancer acts the same way, but rheumatism is far more painful, and I think it is a more serious disease."

Eighteen percent of Canada's population suffers from arthritis or rheumatism. The best that could be done was to modify it by treatment. Professional treatment should not be delayed.

Dr. Lamont-Havers said he took up rheumatism study because the field was wide open. His foundation hoped for a cure some day.



General working area left dry at right-angled diversion



Overall view of the Canadian falls at Niagara

cavation will be made by Canada on the opposite side of the crest. Upriver 1½ miles on the Canadian side, a big permanent control dam extending 1,500 feet into the river will also be constructed. This is to be the most expensive item on the face-lifting program. The entire job will cost the two countries \$17.5 million.

The Americans first of all had to "dry up" part of the river bed near Goat island, so that rock could be blasted out to a depth of several feet.

Ordinarily, to build a diversion dam, a contractor would have floated wooden cribs out and sunk them with rocks. Then a wall of steel sheet piling, backed with rock fill, would have been erected behind the protection of the cribs as a facing for the dam.

However, to save expense a moveable steel shield, rectangular in shape, held in place by powerful steel cables nearly two inches thick was built. This shield was designed to hold back 100 tons of water pressure while men on the downstream side of it constructed a temporary diversion dam. Incidentally the device saved the United States and Canada \$400,000.

The dam was faced with sheet piling and ballasted with quarry stone. Cranes, a power shovel, and other equipment rumbled out on the stone, which became a serviceable roadbed as the work proceeded.

Bug-eyed spectators watched the workmen with crossed fingers. But the men didn't seem to mind the fact that they worked over the mad water—which could have swept them over the falls below in less than a minute. For an added precaution, a steel safety

CEREBRAL PALSY AND THE CHILD

Canada has a large number of small children who suffer from cerebral palsy, a condition which prevents co-ordination of mind and muscles. Since these little victims are, first of all, children, with all a child's need for love, fun and happiness, they need a great deal of help in learning to do things for themselves. Teaching the child to talk, walk, play and feed himself, to the best of his ability, requires loving patience on the part of his family. He should never be ridiculed or threatened. To help these children, there are a number of treatment centres in Canada where special training is available. Further information may be obtained from local or provincial health departments.

cage of beams and rods had been constructed to catch any man tumbling into the current. None did.

As the dam inched out toward midstream, diverting the water from its usual course, six acres of the rocky river bed below the dam were bared. This made it possible for the dynamite men to blast loose the rock, thus lowering the river bed from three to six feet.

When the excavation was finished, the temporary dam and shield were removed and the normal shoreline restored. Once again the waters of Niagara were able to rage on down over the falls—and now with more splendor and swiftness than ever.

On the high banks above, honeymooners still sigh at the grandeur, and echo the feelings of Father Hennepin, first white man to see the falls, that the vista is "without parallel on earth."

Feeding beef calves

The feeding of beef calves on performance test at the Experimental Farm, Canada Department of Agriculture, Scott, Saskatchewan, has shown that bulls are the most economical, feeders and heifers the least economical. In the first test bull and steer calves were weaned at six months of age and fed out to 900 pounds finished weight. The average daily gain for bulls was 2.4 pounds, for steers 1.9 pounds. The bulls reached their weight at 366 days using 399 pounds of grain per 100 pounds gain, the steers requiring 429 days and 549 pounds of grain for the same gain.

During the winter of 1954-55 10 bulls and 11 heifers were fed out, the feeding period beginning at five months of age, and ending at 800 pounds for bulls, 700 pounds for heifers. Average daily gain for bulls was 2.1 pounds, for heifers 1.6 pounds, to their respective weights.

These calves were fed a ration of two parts grain, one part hay. Half were fed the ration in pelleted form, the remainder fed the grain rolled, and the hay whole. Average daily gains for the two rations were 1.9 pounds for both groups. Total feed used per hundred pounds gain was 692 pounds for the rolled grain and hay, 642 pounds for the pellets.

The complete ration combined in the pellets appears to be both economical and efficient. Further tests are planned to confirm these results.

Ergot could be harmful in feed grains

Ergot, a fungus plant disease affecting rye, barley, and wheat, as well as cultivated and native grasses, is reported to be present in normal to above normal quantities in the 1955 crops. Traces of ergot in feeds used for livestock and poultry will not cause injury, its presence however, reduces palatability, and lowers the feed value. Slower rate of gain, or reduced production can be expected.

Feed grains containing a tenth of one percent of ergot are regarded as dangerous, particularly harmful to pregnant animals and may cause abortion. Ergot in feeds above one-tenth of one percent may cause "ergotism," a disease causing irritation and pain in the extremities of the body which may develop a dry gangrene affecting the ears, tail and feet of animals. The ailment affects mainly the feet of poultry.

With ergotted grains to be used as feed, as much of the ergot as possible should be removed by the fanning mill. A more tedious means is to immerse the grains in water and remove the floating ergot bodies. Mixing ergotted with ergot-free grain will also help to reduce the overall percentage of ergot to below the danger level. Avoid ergotted feed for pregnant animals.

Funny and Otherwise

Once upon a time there was a prize fight at a small club. At the end of the first round the kid, who was taking a bad beating, limped back to his corner and was ready to call it a night. His manager shouted: "Don't be a fool. He ain't laid a glove on you."

The same thing happened in the second round and the soft-hearted manager repeated his speech. "That's swell. See, I told you he ain't laid a glove on you."

In the third, the blows bounced off the poor kid's head dozens of times, and he managed to stagger to his corner. He looked up at his manager and roared: "Don't tell me. I know. He ain't laid a glove on me. Well, watch the referee then, because somebody in that ring is giving me a heck of a beating."

The teacher was talking about fur-bearing animals.

"Billy," he asked, "do we get fur from skunks?"

"Yes, ma'am," answered Billy: "as fur as we can."

A student who had taken a day off from school to go hunting was filling in an absence-excuse blank. When he came to the question, "Reason for absence?" he wrote, "Taking shots."

"Your age, please?" asked the canvasser.

"Well, now let me see. I was 15 when I married my husband and he was 30. My husband is now 60, or twice as old as he was then, so that makes me 30."

Co-ed: "I've decided I won't be married till I'm 25."

Elder Sister: "And I have decided not to be 25 till I'm married."

Manitoba Pool offers \$5,000 annual grant

Manitoba Pool Elevators has offered the University of Manitoba an annual \$5,000 over a four year period.

The offer, which arose out of a recent meeting of Manitoba Pool Elevators directors, was made to further present research programs of the plant science division of the faculty of agriculture and home economics.

Specifically the grants would enable the plant science division to obtain necessary technical assistance for its research program in species building as one means of working towards plant improvement. Species building concerns attempts to cross distantly related types of plants in order to combine qualities that could measure up to natural hazards such as rust, that threaten established cereal varieties from time to time.

Canadian statistics report

(A Weekly Review)

Merchandising—Retail sales during July were 4.6 percent higher than a year earlier at an estimated \$1,106,630,000. Dollar business of chain stores was 2.1 percent higher. Wholesale establishments sold 1.2 percent more, with auto parts and equipment wholesalers showing over 19 percent increase. Department store sales were up over 10 percent in August and in the week ending September 10 had a gain of nearly 15 percent.

Farm Income—Cash income of Canadian farmers from the sale of farm products and from participation payments on grain crops declined to an estimated \$1,030,800,000 in the first six months this year from \$1,060,800,000 in the same 1954 period. Main factors in the overall decline were smaller wheat participation payments and lower returns from oats and hogs.

Wheat and Food Stocks—Wheat supplies about August 1 in the four major exporting countries. Cold storage stocks of meat, and stocks of frozen fruit and vegetables were all larger on September 1 than a year earlier. Cherry pack this year was up sharply.

Transportation—Railway carloadings in the first September week were nearly 18 percent greater than in 1954, cumulative loadings for the year showing an advance of 10.4 percent. In the first six months this year railway operating revenues rose 5.3 percent while operating expenses declined a slight 0.5 percent.

Labor—Income of paid workers during June touched a new high level for the month at an estimated \$1,091,000,000, up 8 percent over June last year. The number of persons with jobs rose about 53,000 during the month ended August 20 to an estimated 5,641,000, the highest figure ever reached for the month. The expansion in employment was greater than the rise in the labor force, estimated at 34,000, and the number without jobs and seeking work thus fell about 19,000.

Manufacturing—Increases were recorded in July shipments of cement, veneers and plywoods and July paint sales, and in June output of leather footwear, shipments of iron castings and coke supplies, but a decrease in July rubber production. Manufacturers' inventories and shipments were moderately below a year earlier in July.

Expect A-plane in 3 or 4 years

A prediction that an atomic-powered airplane will fly experimentally within three of four years was made by a nuclear scientist in Los Angeles, the Associated Press reports.

Alexander Greenfield, director of research for Daystrom Instruments, Inc., of Archbald, Pa., told reporters atomic planes are on the drawing boards of leading aircraft companies.

He said researchers are learning how to shield occupants of a nuclear-powered plane from radiation without using lead or other heavy material that would make the aircraft cumbersome and impractical.

Experiments with hafnium, a rare element, are encouraging, he said.

Greenfield said the United States Army has let contracts for a nuclear power reactor so compact and light it can be flown in a conventional large transport.

Greenfield, a U.S. delegate to the recent Atoms-for-Peace Conference in Geneva, is here for the Instrument Society of America convention.

THE RAINS CAME

A group of Apache and Zuni Indians, brought in from Arizona and New Mexico to help battle California's forest fires, stamped around in a furious "rain dance" Monday night and Tuesday morning. It started raining at noon Tuesday and hasn't quit since.

OUR COMPLETE SHORT STORY—

LATE TRAIN

—By MATTHEW F. CHRISTOPHER

SHARON pulled the collar of her coat tighter around her neck against the chilly night air. A moment ago her watch had said one-thirty-seven, and the train, with Dick, should have been here at one-eight. She could return inside to the warmth of the station, she thought, as she had done half a dozen times in the last half hour, but she'd only be back out again, thinking she had heard the whistle.

She hardly heard the man approach. "Aren't you cold?" he said. She turned. She saw he was about 60. His eyes were small, keen, his smiling, wrinkled face reddened from the chill.

"No," she answered, looking calm. "Not quite. Guess I'm more frightened than cold."

"Frightened? Why?"

She met his eyes evenly. "It's half hour late."

"H'mm," he murmured. He turned and gazed up the tracks that vanished into the yawning pit of darkness. "Half hour. Must be my clock's off." He looked back at her. "It's seldom so late, at that, isn't it?"

"Yes."

"Ah, but it's no cause for worry. There may be snow on the mountains, preventing the train from traveling very fast."

Sharon followed the old man's glance up the tracks. "I get to thinking," she confessed, "and I get awfully frightened. Airplanes, trains, subways—I... I'm allergic to them. I guess. Ever since—"

She bit her lip.

"Ever since what, my dear?"

"Ever since Father got killed," Sharon whispered. "A subway..." She paused, felt the quickening of her heart. "It always frightens me, now."

The old man stood tall beside her, his nearness comforting.

"Sorry," he said. His breath formed a cloud in the air. "I take it you're waiting for your husband?"

She nodded. The old man chuckled. "No wonder you worry. You're young, your husband's young. Wait until you're old, like me. Worry will be a memory, almost forgotten. It will cease to exist for you."

Sharon laughed, but the gentle bitterness of it died quickly on her lips. "You don't worry? That doesn't seem possible."

"You'll learn," the old man said. "There's no need for fear. Fear is thought transaction, and what is imparted from the mind can be controlled. I wouldn't worry if I were you. When our number is up, it's up—whether you are walking on a sidewalk, or riding in a train."

"Yes, I suppose you're right."

After a while the old man asked. "What time is it, now?"

Sharon pulled away the top of her glove, glanced at the face of the wrist watch under the pale light. "It's almost two." She looked wearily down the tracks.

"Heavens. Do you think something's happened? It's almost an hour late."

"An hour," repeated the old man softly. "Well, yes, it is running late. But it's cold, and it might've hit a storm, drifts. Weather is terribly unpredictable in the

mountains, you know. But let's ask the man inside, shall we?"

The ticket agent gazed regretfully at them, his magnified eyes shifting behind thick glasses from the old man to Sharon. "I'm sorry," he said. "No word. But the train'll be along. Don't worry."

"See?" smiled the man. "Even he says don't worry."

"I know, but I can't help it," Sharon answered. Her voice was tense. "Every second, every minute, I... I feel more scared." She wondered how he could remain so calm. "Do I look like how I feel?"

His wrinkled face fanned into a grin. "Yes," he said. "But something tells me you don't look pretty crying. And, suppose the train suddenly comes in. What would he say if he saw frozen tears on your cheeks?"

She laughed, and the sound of her laughter carried across the large room, where an electric clock hung high on the wall.

"Two-fourteen," read the old man. "An hour and six minutes late." He smiled at Sharon. "Let's stay inside. It's too cold out there. Or do you really want to wait outside?"

She nodded. What a gentle person this stranger was! She would have cried, she knew, if it weren't for him.

The telephone whirled. They watched the agent pick up the receiver, heard him answer: "Yeah... yeah... okay... thanks..."

Then the little man spoke to a baldish man at the other window. The baldish man came out through a door, erased a figure on the blackboard. With a white chalk he wrote: 3:10, and, in parenthesis: Indefinite.

"Mister," Sharon said, stepping abruptly toward him, her heart pounding. "What's happened? Why is the train going to be so late?"

"There was a train crash, sorry to say, Miss," the man replied. "Not our train. Another one. It's just delaying ours."

"Thank you," whispered Sharon. "See?" said the old man, chuckling. "What did I say about worry? It's a falsehood! Absolutely a falsehood!"

The train pulled in at 3:04, discharging, among its few passengers, a tall, anxious-looking young man, and a grey-haired lady. "Dick!" cried Sharon happily, falling into his big, long arms. "Oh, Dick!"

"Baby!" Dick said, and he kissed her, long and tenderly, holding her so that her toes barely touched the ground.

Finally, he released her, and she stood and looked at him—breathlessly. "I almost died, darling!"

"Why? Scared I'd never get here?" He laughed.

She laughed, too. "What else? If it weren't for—"

They turned suddenly at a soft sob behind them. "Look!" cried Dick. He broke away from her, raced toward the old lady. Sharon saw that the woman was bending over the old man who had been waiting for the train with her. He had fallen to his knees upon the concrete, clutching his heart with one hand, and breathing in painful gasps.

"Thank you, young man," said the lady, as Dick helped the man to his feet. "My husband's had another one of his attacks. He must have been worried about me. He always gets them when he's terribly worried about something. He'll be all right. It never lasts long. Thank you. Thank you so much, young man."

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HIGH "FASHION" — Designed for wear at extremely high altitudes, this two-piece suit, joined and sealed at the chest, is on display at Farnborough, England. Of aluminized, rubberized fabric, knees and elbows are articulated. Shoulder joints are ball-bearing mounted.

TRY AND STOP ME!

By BENNETT CERF

Robert Harris, known to millions for his TV characterization in "The Goldbergs", once played a season in support of the Yiddish star, Maurice Schwartz. Harris played the part of Schwartz's attorney. One scene called for him to sit down at a table and breathe a heavy sigh. Opening night he sighed so heavily he blew out eight candles on the table. As the curtain dropped, Schwartz whispered angrily, "Stop padding your part!"

Former boxing champion Maxie Rosenbloom, now a real comedian, failed to go over with a tough audience at one stop on his latest tour. Exiting to almost silent applause, Maxie did not exactly win the house manager's heart when he stopped to assure the folks out front, "If you think I'm corny, wait till you see the feature picture!"

Steve Owen, famous football star and coach, spent his youth as a cowboy on the Oklahoma plains, and didn't devote much time to football until an alert coach, noting his size, called out, "Hey, boy, how about taking a whack at running the ball?"

Steve got off his horse, picked up the pigskin, and ran through would-be tacklers like greased lightning.

"Fine! Fine!" enthused the coach. "Try that once more, but this time take off your spurs."

Dean Inge tells about an American who explained to an English friend, "I like you personally, but I can never like England. I never can forget that the English burned Washington."

"The devil you say!" gasped the Englishman. "I know we burned Joan of Arc but I was under the distinct impression that Washington died in his bed."

A HEAP OF SUGAR

South Alberta's sugar beet crop is expected to turn out 420,000 tons of sweet roots from 36,500 acres of irrigated land.

Harvesting started Sept. 26 and Frank R. Taylor, general manager of the processing company, estimates a production of 110,000,000 pounds refined sugar. On the basis of 17.5 percent sugar content, Mr. Taylor thought growers would receive between \$14 and \$15 per ton over the ensuing year as the sugar is sold.

Need seen for get-together on U.S.-Canada farm trade

Need for a get-together between the United States and Canada to clear up the "bad feeling" which has resulted from certain aspects of trade between the two in farm products is seen by Fred J. Rossiter, agricultural attaché to the U.S. Embassy at Ottawa.

But he pointed out in a Winnipeg interview that there is a recognition and understanding in each country of the other's agricultural trade problems. He said that in a trading program that sees \$300,000,000 worth of farm products crossing the border each way per year, "there are bound to be points of friction."

Mr. Rossiter was in Winnipeg Sept. 16 following a two-week tour of Prairie grainlands.

He said that the meeting in Ottawa between Canadian and U.S. agricultural officials scheduled for Sept. 26 should clear up some of these matters, including an explanation of the U.S. farm surplus disposal program.

One of the main points of friction had to do with potato imports and exports. Canadian potatoes going into the U.S., he said, now pay a 37½-cent tariff per 100 pounds for a 3,500,000-bushel quota (chiefly seed potatoes) and 75 cents a hundredweight for non-quota potatoes.

Duty free U.S. potatoes coming into Can-

ada are duty-free, except for a brief six-week period June 15-July 31, when a 37½-cent tariff is imposed.

But the U.S., he added, is importing 2,500,000 bushels of apples when its own apple crop is large.

He said his country's action in removing restrictions on imports of Canadian oats and barley was a good move "psychologically and politically." It did not affect volume, because oats and barley quotas had not been met anyway.

The "psychology" had not been extended to U.S. imports of rye, where the quota each year has been filled "within a couple of weeks." He said the rye restrictions will be up for review in 1956.

Canada, on her part, had banned all imports of U.S. oats, he said.

Problems exaggerated

In Saskatoon the day before, Mr. Rossiter expressed the belief that problems in agricultural trade are not as serious as some press and radio reports indicated.

He said Canada exported 251,000,000 bushels in the last crop year, as against 255,000,000 the previous year. There thus was no indication the U.S. is stealing Canada's markets.

"If Canada had exported only 150,000,000 bushels, then there would be something to make a fuss about."

He toured the Saskatchewan Wheat Pool's flour mill and vegetable oil plant in Saskatoon. He was particularly interested in the latter as he was in charge of allocating fats and oils to the Western Allies during the Second World War.

Sex equality blamed for divorce rate

LONDON—A marriage guidance expert here today blamed sex equality as the main cause for the increase in Britain's divorce rate to four times its 1939 figure.

The expert, Joseph Brayshaw, secretary of the Marriage Guidance Council, declared in the British Medical Association's Journal "Family Doctor." "It is the new equality of marriage and family life."

The real trouble today, he said, is that women now do almost every male job.

He added: "The recognition of women as the equal to man always means the crumbling of outmoded patterns of marriage and an increase in divorce."

"Equality of sexes has come to stay. There can be no question of putting the clock back."

"The plain truth is that the modern marriage partnership is much richer. It involves much greater tolerance and in aiming higher in marriage today we are suffering more casualties."

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—By Les Carroll



THE TILLERS



THE B. O. BROWN MASTER FARM FAMILY

Continued page five
duate in Agriculture from the University of Minnesota, arrived in Canada in 1924 with barely more than the clothes he wore and the desire to make his future in this country. Obtaining a sizable loan, he purchased his present farm in the spring of 1925.

Over the years the Browns have given their children an incentive to develop their own talents—a practice now paying rich dividends of pride and satisfaction. Jack, the eldest and now 28 years of age, graduated from the University of Alberta with a Master of Science degree in Agriculture. He now owns a broiler plant at Midnapore and markets over 24,000 fryers per year. Another venture, of which he is president and half owner, is a poultry killing plant at Calgary. He still remains closely associated with his father and brother as he purchases all his feed supplies from them.

Murray, now 25, received his B.Sc. in Agriculture at the University of Alberta. Working in partnership with his father, Murray directs farming operations while the father has now assumed a supervisory role. Both boys demonstrated at an early age their ability to care for livestock and by the time they entered University they had earned enough from raising pigs to assume a major portion of their education costs.

Dorothy, aged 27, now employed as a secretary for a firm of engineering consultants in Calgary, has shown the same talent for community mindedness that her parents and brothers have followed. Like her two brothers she was president of the Students Association at

the Acme High School and also took an active part in both church young people groups and C.G.I.T. work.

Mr. Brown's first livestock venture was hogs which he expanded to a point where he was marketing over 1200 pigs a year. Rhinitis, a disease which seriously retards the growth of hogs, assumed almost plague proportions from 1944 to 1946. When his herd was hit, Mr. Brown decided to get out of hog production for a period of two years.

During their first years on the farm, Mr. Brown had begun raising turkeys as a sideline, and had gradually increased the number of his flock to 500 by 1947. Realizing their profit potentiality, the Browns went into turkey farming on a large scale. All buildings that have been built since have been constructed with an eye to reconverting to hogs if desired.

One of the key units of their production program is the large elevator that stands in the middle of the farm yard. With a capacity of 14,000 bushels and a 4,000 bushel annex, a great economy is effected in transportation, time, labor and ultimate cost. Fully equipped with weigh-scale, hammer mill, oat huller, upright mixer and conveyor "legs", the building of this mill last year demonstrates the spirit of progress on which the Browns have built their reputation as excellent farmers.

Utilizing labor saving devices to the fullest extent allows Mr. Brown and son Murray to handle this immense operation with the help of four hired men. The operation is a year-round project with a complete turnover of the flock once a year. One might consider that the year starts with the arrival of poult

in February and ends with the sale of the laying hens in May of the next year.

Eggs delivered to a hatchery during the winter laying season are for both sale and the hatching of 15,000 to 20,000 young turkeys that comprise the new flock. The poults, which arrive in lots of 6,000, are placed in a special brood house equipped with propane brooder stoves and a central furnace where the temperature is carefully controlled. At the end of a month, if the weather is suitable, they are moved outside to protected "hardening-off" pens before being placed out on the "range".

An automatic feeder keeps feed before the young birds, in the brood house, at regulated intervals while automatic waterers supplied from a central well, provide water for all birds excepting those out on the ranges.

As one flock of birds is moved out of the brood house, a week is allowed for cleaning out the manure and disinfecting of pens in preparation for the

new lot of poults. In this way three different age groups are brought in so that the buildings can be used to great advantage over a longer period of time.

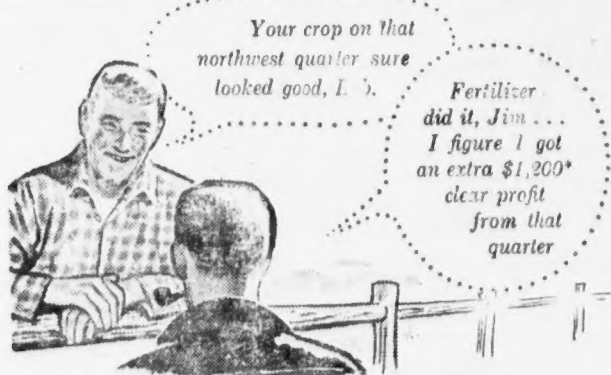
The ranges are fenced in feeding areas, two of which are located on summerfallow and two on permanent pasture. Birds on summerfallow perform their part in a carefully calculated plan to replenish the soil that is feeding them. Mr. Brown has followed a practice of one crop followed by one year of summerfallow. The section of land is divided into six parcels of 100 acres each. Each year two turkey ranges are established on one of the 100 acre plots. It is seeded to cover crop and fenced before the birds are moved in. These fences are periodically moved so that the birds are never out of pasture. In this way the soil is fertilized without the use of expensive equipment. In addition 500 tons of manure are spread on one of the other plots and commercial fertilizer is used on all crops during spring seeding. This fall, wheat that yielded 40 bushels per acre, oats 85 and

barley 50 bushels are evidence that this program is paying off.

Shelterbelt areas have been arranged so that all birds are moved in off the range by October 1st. The 2000 hens and 300 "toms" that have been selected for the production of hatching eggs are moved into two special houses and the remainder of the flock is fitted for the Thanksgiving and Christmas market.

Following all the latest techniques in feeding, housing and selection does not completely satisfy the exacting requirements of the Browns. They are now entering the field of raising R. O.P. (Record of Production) birds so that they may build up the fertility, hatchability, livability and general quality of their flock.

Mr. Brown gives credit to son Murray for keeping a full line of machinery in top working condition. A small but well equipped shop is used for making minor repairs. An Oliver 90 and Oliver 80 are the main power units while other equipment includes a swather, two No. 7 Cockshutt pull-type combines, a power takeoff manure



*Based on average yearly yield increase, wheat at 1.06%.

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